

SUBSTITUTE

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

POLYNUCLEOTIDES ENCODING THE NOVEL HUMAN
PHOSPHATASE, RET31, AND VARIANTS THEREOF

the specification of which was filed on December 20, 2001 as U.S. Application No. 10/029,345.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge my duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. §1.56.

I hereby claim the benefit under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any PCT international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

None

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

<u>Application No.</u>	<u>Filing Date</u>
60/256,868	December 20, 2000
60/280,186	March 30, 2001
60/287,735	May 1, 2001
60/295,848	June 5, 2001
60/300,465	June 25, 2001

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose all information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

None

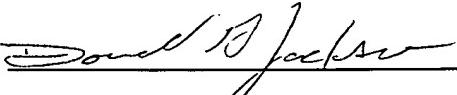
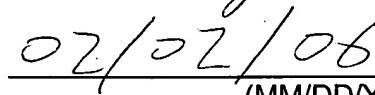
I hereby appoint the attorneys and agents associated with **Customer No. 23914**, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications to the address associated with **Customer No. 23914**, which is currently Stephen B. Davis, Bristol-Myers Squibb Company, Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FIRST JOINT INVENTOR:

Full name : **Donald G. Jackson**

Signature : 

(MM/DD/YY)

Date : 02/02/06
(MM/DD/YY)

Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : P.O. Box 6146
Lawrenceville, New Jersey 08648

SECOND JOINT INVENTOR:

Full name : **Chandra S. Ramanathan**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Wallingford, Connecticut

P.O. Address : 41 Alison Avenue
Wallingford, Connecticut 06492

THIRD JOINT INVENTOR:

Full name : **John N. Feder**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Belle Mead, New Jersey

P.O. Address : 277 Dutchtown-Zion Road
Belle Mead, New Jersey 08502

FIRST JOINT INVENTOR:

Full name : **Donald G. Jackson**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : 2617 Main Street, Apartment 2
Lawrenceville, New Jersey 08648

SECOND JOINT INVENTOR:

Full name : **Chandra S. Ramanathan**

Signature : Chandra S. Ramanathan

Date : 10/13/2005
(MM/DD/YY)

Citizenship : United States of America

Residence : Wallingford, Connecticut

P.O. Address : 41 Alison Avenue
Wallingford, Connecticut 06492

THIRD JOINT INVENTOR:

Full name : **John N. Feder**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Belle Mead, New Jersey

P.O. Address : 277 Dutchtown-Zion Road
Belle Mead, New Jersey 08502

FIRST JOINT INVENTOR:

Full name : **Donald G. Jackson**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : 2617 Main Street, Apartment 2
Lawrenceville, New Jersey 08648

SECOND JOINT INVENTOR:

Full name : **Chandra S. Ramanathan**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Wallingford, Connecticut

P.O. Address : 41 Alison Avenue
Wallingford, Connecticut 06492

THIRD JOINT INVENTOR:

Full name : **John N. Feder**

Signature : J. N. Feder

Date : 08/30/05
(MM/DD/YY)

Citizenship : United States of America

Residence : Belle Mead, New Jersey

P.O. Address : 277 Dutchtown-Zion Road
Belle Mead, New Jersey 08502

FOURTH JOINT INVENTOR:

Full name : **Gabriel Mintier**

Signature : Gabriel Mintier

Date : 08/22/05
(MM/DD/YY)

Citizenship : United States of America

Residence : Hightstown, New Jersey

P.O. Address : 318 Morrison Avenue
Hightstown, New Jersey 08520

FIFTH JOINT INVENTOR:

Full name : **Liana Lee**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : San Francisco, California

P.O. Address : 460 Fell Street, Apt. 4
San Francisco, California 94102

SIXTH JOINT INVENTOR:

Full name : **Thomas C. Nelson**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : 12 Azalea Court
Lawrenceville, New Jersey 08648

FOURTH JOINT INVENTOR:

Full name : **Gabriel Mintier**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Hightstown, New Jersey

P.O. Address : 318 Morrison Avenue
Hightstown, New Jersey 08520

FIFTH JOINT INVENTOR:

Full name : **Liana Lee**

Signature : Liana M. Lee

Date : 09/30/05
(MM/DD/YY)

Citizenship : United States of America

Residence : San Francisco, California

P.O. Address : 460 Fell Street, Apt. 4
San Francisco, California 94102

SIXTH JOINT INVENTOR:

Full name : **Thomas C. Nelson**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : 12 Azalea Court
Lawrenceville, New Jersey 08648

FOURTH JOINT INVENTOR:

Full name : **Gabriel Mintier**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Hightstown, New Jersey

P.O. Address : 318 Morrison Avenue
Hightstown, New Jersey 08520

FIFTH JOINT INVENTOR:

Full name : **Liana Lee**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : San Francisco, California

P.O. Address : 460 Fell Street, Apt. 4
San Francisco, California 94102

SIXTH JOINT INVENTOR:

Full name : **Thomas C. Nelson**

Signature : Thomas C. Nelson

Date : 8/22/2005
(MM/DD/YY)

Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : 12 Azalea Court
Lawrenceville, New Jersey 08648

SEVENTH JOINT INVENTOR:

Full name : **Nathan Siemers**
Signature : 
Date : 09/24/05
(MM/DD/YY)
Citizenship : United States of America
Residence : Pennington, New Jersey
P.O. Address : 171 E. Delaware Avenue
Pennington, New Jersey 08534

EIGHTH JOINT INVENTOR:

Full name : **David Bol**
Signature : _____
Date : _____
(MM/DD/YY)
Citizenship : United States of America
Residence : Gaithersburg, Maryland
P.O. Address : 8904 Brink Road
Gaithersburg, Maryland 20882

NINTH JOINT INVENTOR:

Full name : **Susan Suchard**
Signature : _____
Date : _____
(MM/DD/YY)
Citizenship : United States of America
Residence : Wilmington, Delaware
P.O. Address : 621 Foulkstone Road
Wilmington, Delaware 19803

SEVENTH JOINT INVENTOR:

Full name : **Nathan Siemers**

Signature : _____

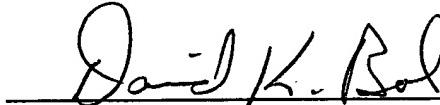
Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Pennington, New Jersey

P.O. Address : 171 E. Delaware Avenue
Pennington, New Jersey 08534

EIGHTH JOINT INVENTOR:

Full name : **David Bol**

Signature : _____

Date : 10-11-05
(MM/DD/YY)

Citizenship : United States of America

Residence : Gaithersburg, Maryland

P.O. Address : 8904 Brink Road
Gaithersburg, Maryland 20882

NINTH JOINT INVENTOR:

Full name : **Susan Suchard**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Wilmington, Delaware

P.O. Address : 621 Foulkstone Road
Wilmington, Delaware 19803

SEVENTH JOINT INVENTOR:

Full name : **Nathan Siemers**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Pennington, New Jersey

P.O. Address : 171 E. Delaware Avenue
Pennington, New Jersey 08534

EIGHTH JOINT INVENTOR:

Full name : **David Bol**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Gaithersburg, Maryland

P.O. Address : 8904 Brink Road
Gaithersburg, Maryland 20882

NINTH JOINT INVENTOR:

Full name : **Suzanne J. Suchard**

Signature : *Suzanne J. Suchard*

Date : *02/07/2006*
(MM/DD/YY)

Citizenship : United States of America

Residence : Wilmington, Delaware

P.O. Address : 621 Foulkstone Road
Wilmington, Delaware 19803

TENTH JOINT INVENTOR:

Full name : **Gary Schieven**
Signature : 
Date : 08/18/2005
(MM/DD/YY)
Citizenship : United States of America
Residence : Lawrenceville, New Jersey
P.O. Address : 519 Bergen Street
Lawrenceville, New Jersey 08648

ELEVENTH JOINT INVENTOR:

Full name : **Joshua Finger**
Signature : _____
Date : _____
(MM/DD/YY)
Citizenship : United States of America
Residence : San Marcos, California
P.O. Address : 222 Woodland Parkway Apt.254
San Marcos, California 92069

TWELFTH JOINT INVENTOR:

Full name : **C. Gordon Todderud**
Signature : _____
Date : _____
(MM/DD/YY)
Citizenship : United States of America
Residence : Newtown, Pennsylvania
P.O. Address : 56 Autumn Drive
Newtown, Pennsylvania 18940

TENTH JOINT INVENTOR:

Full name : **Gary Schieven**

Signature : _____

Date : _____
(MM/DD/YY)

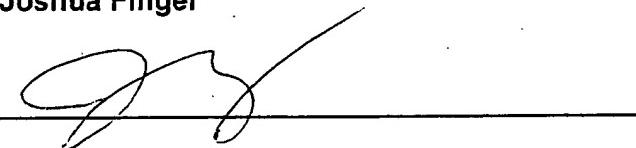
Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : 519 Bergen Street
Lawrenceville, New Jersey 08648

ELEVENTH JOINT INVENTOR:

Full name : **Joshua Finger**

Signature : 

Date : 012/16/05
(MM/DD/YY)

Citizenship : United States of America

Residence : ~~San Marcos, California~~ Spring City, Pennsylvania

P.O. Address : ~~222 Woodland Parkway Apt.254~~
~~San Marcos, California 92069~~
~~254 Stony Run Rd.~~
~~Spring City, PA 19475~~ JNF 12/16/05

TWELFTH JOINT INVENTOR:

Full name : **C. Gordon Todderud**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Newtown, Pennsylvania

P.O. Address : 56 Autumn Drive
Newtown, Pennsylvania 18940

TENTH JOINT INVENTOR:

Full name : **Gary Schieven**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Lawrenceville, New Jersey

P.O. Address : 519 Bergen Street
Lawrenceville, New Jersey 08648

ELEVENTH JOINT INVENTOR:

Full name : **Joshua Finger**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : San Marcos, California

P.O. Address : 222 Woodland Parkway Apt.254
San Marcos, California 92069

TWELFTH JOINT INVENTOR:

Full name : **C. Gordon Todderud**

Signature : C. Gordon Todderud

Date : 08/18/05
(MM/DD/YY)

Citizenship : United States of America

Residence : Newtown, Pennsylvania

P.O. Address : 56 Autumn Drive
Newtown, Pennsylvania 18940

THIRTEENTH JOINT INVENTOR:

Full name : **Donna Bassolino**
Signature : Donna Bassolino
Date : 08/25/05
(MM/DD/YY)
Citizenship : United States of America
Residence : Hamilton, New Jersey
P.O. Address : 9 Hidden Hollow Drive
Hamilton, New Jersey 08620

FOURTEENTH JOINT INVENTOR:

Full name : **Stanley R. Krystek**
Signature : _____
Date : _____
(MM/DD/YY)
Citizenship : United States of America
Residence : Ringoes, New Jersey
P.O. Address : 15 Back Brook Road
Ringoess, New Jersey 08551

FIFTEENTH JOINT INVENTOR:

Full name : **Dana Banas**
Signature : _____
Date : _____
(MM/DD/YY)
Citizenship : United States of America
Residence : Hamilton, New Jersey
P.O. Address : 2465 Sylvan Avenue
Hamilton, New Jersey 08610

THIRTEENTH JOINT INVENTOR:

Full name : **Donna Bassolino**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Hamilton, New Jersey

P.O. Address : 9 Hidden Hollow Drive
Hamilton, New Jersey 08620

FOURTEENTH JOINT INVENTOR:

Full name : **Stanley R. Krystek**

Signature : Stanley R Krystek

Date : 9/19/05
(MM/DD/YY)

Citizenship : United States of America

Residence : Ringoes, New Jersey

P.O. Address : 15 Back Brook Road
Ringoess, New Jersey 08551

FIFTEENTH JOINT INVENTOR:

Full name : **Dana Banas**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Hamilton, New Jersey

P.O. Address : 2465 Sylvan Avenue
Hamilton, New Jersey 08610

THIRTEENTH JOINT INVENTOR:

Full name : **Donna Bassolino**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Hamilton, New Jersey

P.O. Address : 9 Hidden Hollow Drive
Hamilton, New Jersey 08620

FOURTEENTH JOINT INVENTOR:

Full name : **Stanley R. Krystek**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : United States of America

Residence : Ringoes, New Jersey

P.O. Address : 15 Back Brook Road
Ringoess, New Jersey 08551

FIFTEENTH JOINT INVENTOR:

Full name : **Dana Banas**

Signature : 

Date : 8-31-05
(MM/DD/YY)

Citizenship : United States of America

Residence : Hamilton, New Jersey

P.O. Address : 2465 Sylvan Avenue
Hamilton, New Jersey 08610

SIXTEENTH JOINT INVENTOR:

Full name : Patrick McAtee
Signature : 
Date : 02/03/04
(MM/DD/YY)
Citizenship : United States of America
Residence : The Woodlands, Texas
P.O. Address : 26 Latticeleaf Place
The Woodlands, Texas 77382